

Title (en)

LEACH METHOD FOR RECOVERING NICKEL OR COBALT

Title (de)

LAUGVERFAHREN ZUR GEWINNUNG VON NICKEL ODER KOBALT

Title (fr)

MÉTHODE DE LIXIVIATION POUR L'EXTRACTION DU NICKEL OU DU COBALT

Publication

EP 1731622 B1 20100728 (EN)

Application

EP 05720831 A 20050315

Priority

- JP 2005004576 W 20050315
- JP 2004108208 A 20040331

Abstract (en)

[origin: EP1731622A1] In step b (leaching step), a slurry ore 104 is leached with sulfuric acid 105 to obtain a sulfuric acid leachate 108 containing nickel and cobalt and a leaching residue 109. Here, the leaching residue 109 contains Natrojarosite generated by a reaction of iron leached from the slurry ore 104 with sulfuric acid 105 and a sodium salt 106.

IPC 8 full level

C22B 23/00 (2006.01); **B01D 21/01** (2006.01); **B01D 21/02** (2006.01); **C22B 3/00** (2006.01); **C22B 3/08** (2006.01); **C22B 3/44** (2006.01)

CPC (source: EP)

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Cited by

AU2013374645B2; US2016137524A1; US9938158B2; US9828256B2; WO2009114903A1; WO2024098089A1; US8287827B2

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